

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Haselden, Barbara A.; Lee, John  
Assignee: Mosel Vitelic, Inc.  
Title: "Two Stage Etching Of Silicon Nitride To Form A Nitride Spacer"  
Serial No.: 10/198,825 Filing Date: July 18, 2002  
Docket No.: M-12473 US

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Sir:

The above-identified assignee hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) associated with the customer number identified below to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

**Customer No. 32605**

Please address all telephone calls regarding this application to:

Michael Shenker  
Reg. No. 34,250  
Phone: (408) 392-9250  
Fax: (408) 392-9262

**ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)**

The undersigned representatives of the above-identified assignee certify that they are the assignee of the entire right, title and interest in the above-identified patent application/patent by virtue of a chain of title from the inventor(s) of the above-identified patent application/patent to the above-identified assignee as shown below:

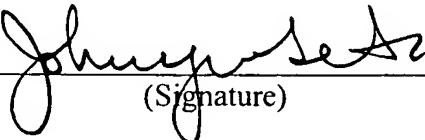
- |                               |                         |
|-------------------------------|-------------------------|
| 1. From: Haselden, Barbara A. | To: Mosel Vitelic, Inc. |
| 2. From: Lee, John            | To: Mosel Vitelic, Inc. |

☒ The document was recorded in the United States Patent and Trademark Office at Reel 013130, Frame 0936.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

Date: 03/10/03

MOSEL VITELIC, INC.

By:   
(Signature)

Name: John Seto

Title: Executive Vice President



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

SEPTEMBER 28, 2002

SKJERVEN MORRILL LLP  
MICHAEL SHENKER  
25 METRO DRIVE, SUITE 700  
SAN JOSE, CA 95110

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

RECEIVED  
by Docket Dept.

OCT 07 2002



\*102174595A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/18/2002

REEL/FRAME: 013130/0936  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HASELDEN, BARBARA A.

DOC DATE: 07/10/2002

ASSIGNOR:

LEE, JOHN

DOC DATE: 07/10/2002

ASSIGNEE:

MOSEL VITELIC, INC.  
NO. 19 LI HSIN ROAD  
SCIENCE BASED INDUSTRIAL PARK  
HSIN CHU CITY, TAIWAN

SERIAL NUMBER: 10198825  
PATENT NUMBER:

FILING DATE: 07/18/2002  
ISSUE DATE:

MAURICE CARTER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

ASSIGNMENT Pww/ms M-12473 US  
ACTION: FILED  
ACTION: FILED  
ACTION: FILED  
DOCKETED BY: CW DATE: 10-7-02  
FORM LETTER: YES/NO

08-0 2002

ATTORNEY DOCKET NO: M-12473 US

COVER SHEET  
S ONLYU.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

102174595

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying party(ies):

(a) Barbara A. Haselden

(b) John Lee

7.18.02

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

2. Name and address of receiving party(ies):

Name: Mosel Vitelic, Inc.  
No. 19 Li Hsin Road  
Science Based Industrial Park  
Hsin Chu City  
Taiwan

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: (a&amp;b) July 10, 2002

Name and address of receiving party(ies):

Name:

Street Address:

City:

State:

Zip:

Country:

Additional name(s) &amp; address(es) attached?

☐ Yes☒ No

4. Application number(s) or patent number(s):

10/198825

If this document is being filed together with a new application, the execution date of the application is: July 10, 2002

A. Patent Application No.(s) - N/A

Title: Two Stage Etching Of Silicon Nitride To Form A  
Nitride Spacer

B. Patent No.(s)

N/A

Additional numbers attached?



Yes



No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael Shenker

Internal Address: SKJERVEN MORRILL LLP

Street Address: 25 METRO DRIVE, SUITE 700

City SAN JOSE State CA Zip 95110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00



Authorized to be charged to Deposit Account 19-2386



Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

07/31/2002 LMUELLER 00000110 192386 10198825

01 FC:581

40.00 CH

DO NOT USE THIS SPACE

8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael Shenker

34,250

Name of Person Signing

Michael Shenker

Signature

7-18-02

Date

Total number of pages including cover sheet, attachments, and documents: 3

Express Mail Label No.: EL 882 638 244 US

## ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Barbara A. Haselden of 915 S. Tantau; Cupertino, CA  
John Lee of 10222 Nile Dr.; Cupertino, CA

hereby sell, assign and transfer to Mosel Vitelic, Inc., a Taiwan corporation, having a place of business at No. 19 Li Hsin Road, Science Based Industrial Park, Hsin Chu City, Taiwan, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

### Two Stage Etching Of Silicon Nitride To Form A Nitride Spacer

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

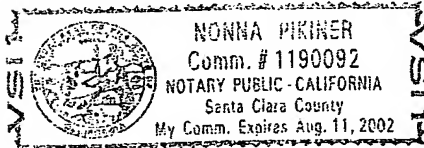
Executed this 10 day of July, 2002.

Barbara A. Haselden

Barbara A. Haselden

State of CA )  
County of Santa Clara ) ss.

On 07/10/2002 before me, Nonna Pikiner, Notary Public personally appeared Barbara A. Haselden personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Nonna Pikiner

SIGNATURE OF NOTARY

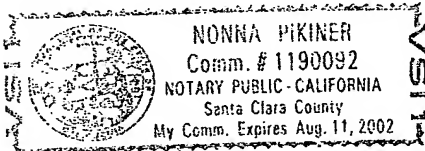
Executed this 10 day of July, 2002.

John Lee  
John Lee

State of CA )  
          Santa ) ss.  
County of Clara )

On 07/10/2002 before me, Nonna Pikiner, Notary Public  
personally appeared John Lee personally known to me or proved to me on the basis of  
satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within  
instrument and acknowledged to me that he/she/they executed the same in his/her/their  
authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s),  
or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Nonna Pikiner  
SIGNATURE OF NOTARY

# DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

Two Stage Etching Of Silicon Nitride To Form A Nitride Spacer

which (check) ☒ is attached hereto.  
☐ and is amended by the Preliminary Amendment attached hereto.  
☐ was filed on as Application Serial No.  
☐ and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
Number	Country	Day/Month/Year Filed	Yes	No
N/A			<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)

I hereby appoint the following practitioners to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

865847

Michael P. Adams (34,763); Christopher B. Allenby (45,906); Marc R. Ascolese (42,268); Shireen Irani Bacon (40,494); Matthew J. Brigham (44,047); Sam G. Campbell (42,381); Tom Chen (42,406); Alex Chen (45,591); Michael G. Cleveland (46,030); K. Alison de Runtz (37,119); David G. Dolezal (41,711); Gary J. Edwards (41,008); Christopher B. Eide (48,375); Rahul Engineer (47,548); Jonathan Geld (44,702); Linda G. Gunderson (46,341); Michael A. Guth (45,983); Jonathan W. Hallman (42,622); David W. Heid (25,875); James S. Hsue (29,545); Peter H. Kang (40,350); John C. Kennel (48,562); Norman R. Klivans (33,003); Theodore P. Lopez (44,881); Fabio E. Marino (43,339); Ronald J. Meetin (29,089); Gregory J. Michelson (44,940); Peter G. Mikhail (46,930); Robert B. Morrill (43,817); Gerald P. Parsons (24,486); James E. Parsons (34,691); D'Ann Rifai (47,026); Mark J. Rozman (42,117); Mark E. Schmidt (47,063); Michael Shenker (34,250); Eric A. Stephenson (38,321); Robert D. Wasson (40,218); Philip W. Woo (39,880); Bryan M. Wyman (48,049); Philip Yau (32,892); Gergely T. Zimanyi (45,754); and Abdul R. Zindani (46,901).

Please address all correspondence and telephone calls to:

*Michael Shenker*  
**SKJERVEN MORRILL LLP**  
25 Metro Drive, Suite 700  
San Jose, California 95110-1349

Telephone: 408-453-9200  
Facsimile: 408-453-7979

I declare that all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and all statements made herein are made with the knowledge that whoever, in any matter within the jurisdiction of the Patent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, trademark registration, or certificate resulting therefrom.

Full name of sole (or joint) inventor: Barbara A. Haselden

Inventor's Signature: *Barbara Haselden* Date: JULY 10, 2002

Residence: Cupertino, CA

Post Office Address: 915 S. Tantau  
Cupertino, CA 95014-4601

Citizenship: USA

Full name of second joint inventor: John Lee

Inventor's Signature: *John Lee* Date: July 10, 2002

Residence: Cupertino, CA

Post Office Address: 10222 Nile Drive  
Cupertino, CA 95014-2144

Citizenship: USA